

1889.

CATALOGUE

OF

NEW AND CHOICE TREES, SHRUBS,
ROSES, AND VINES,

FOR SALE BY

W. C. STRONG,

WABAN NURSERY, NEWTON HIGHLANDS, MASS.

Not employing traveling agents, I can afford to sell at lowest producers' prices, and, what is more important, can guarantee fresh, healthy, and genuine plants. They are too large to send by mail.

Unknown correspondents must remit with the order, or give satisfactory reference.

Packages will be delivered in Boston without charge, but the cost of packing bulky trees must be added.

Cars leave the Boston Station on the Newton Circuit as follows: —

For Waban via Newton Highlands: 7.35, 8, 8.37, 9.05 A.M.; 12.15, 12.45, 2.35, 3.25, 4.15, 4.45, 5.20, 5.35, 6.15, 7.15, 8.15, 9.35, 10.15, 11.10 P.M.

For Waban via Main Line: 7.25, 9.32, 12 M.; 12.25, 3.05, 4.25, 5.10, 5.40, 6.10, 7.05, 8, 9.30 P.M.

Return via Highlands: 5.56, 6.51, 7.18, 8.04, 8.49, 9.59 A.M.; 12.43, 1.40, 3.06, 3.45, 5.02, 5.50, 6.16, 6.54, 7.45, 8.40, 10.10 P.M.

Return via Main Line: 8.08, 8.34, 9.13, 9.39 A.M.; 12.50, 1.20, 3.11, 4, 4.49, 5.21, 5.47, 6.10, 6.55, 7.50, 8.50, 10.08 P.M.

THE WABAN NURSERIES.

MY land at Nonantum Hill, Brighton, where I have been located for the past thirty-five years, being now in demand for residences, I have transferred most of my stock to my farm at the Waban Station of the Newton Circuit Railroad, where all trains stop. This land is remarkably well adapted to the growth of plants, enabling me to produce specimens of the best quality at a minimum cost. My purpose is to confine my culture to the choicest kinds, seeking for all novelties of real merit, but avoiding the half-hardy and the ill-adapted varieties which so often claim attention. I do not intend to offer any novelty without good reason to believe it will stand the test of trial. For this reason many new kinds of doubtful merit are not here named.

That large profit and a show of great enterprise result from extravagant descriptions and high-colored illustrations, no one can deny. Neither can it be denied that untold injury results from such methods. My endeavor has been to name only such kinds as have intrinsic merit for this locality, omitting all illustrations, so often misleading.

As the Nurseries are so easily accessible by the Circuit Railroad going either way, by Newton or Newton Highlands, or by driving from the State House, all the way on Beacon Street to Waban, halfway between Newton Centre and Newton Lower Falls, it is hoped that many will inspect the stock and make personal selection. But orders by mail, addressed Newton Highlands, will have careful attention, and the long-established reputation of the Nursery for the faithful execution of orders will be jealously maintained.

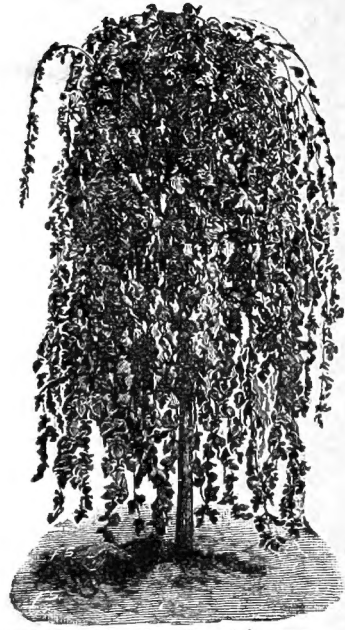
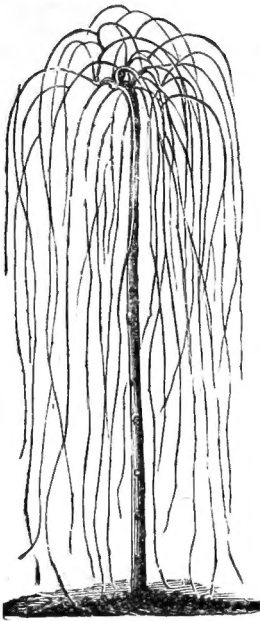
New and Specially Desirable Varieties of Hardy Plants.

Ampelopsis Englemanni. This plant was discovered by the world-renowned collector, Dr. Englemann, from which the present stock has been propagated, and is now for the first time offered for sale. It has the vigorous and hardy characteristics of the American woodbine, with beautiful, glossy foliage, lacinated in fives and sometimes sixes. But it is quite distinct in having the clinging tendrils and self-supporting habit of *A. Veitchii*. In this respect, and also in brilliancy of coloring in the fall, it will rival the so-called "Boston ivy"; and as the young plants are much more hardy and vigorous, and the foliage and growth are decidedly more graceful, it will undoubtedly become a great favorite as soon as it is known.

Orders now entered for delivery after April 1. Large, two years dormant plants, \$1; strong pot-plants, 50 cents; second size, 25 cents.

Ulmus Aurea Louis Van Houtte. A golden elm which is vigorous in growth, withstanding our hot sun perfectly, and showing a brighter color than any other kind. It arrested the attention of all who visited the nursery the past season. As the tree attains size its lively color will be exceedingly attractive. 2 feet, 50 cents each.

Teas' Weeping Mulberry. A remarkable sport of the Russian mulberry, which has the fresh-looking, glossy, green foliage, and small, beautifully lobed leaves of its type, combined with the most slender, graceful, and pendulous growth of any weeping-tree. As this habit is so marked and constant, and can only be credited by the photograph of a tree of one season's growth, I have departed from my custom, and introduce cuts of a tree as it grew without training. The tree is absolutely hardy, free from all diseases, very vigorous in growth, and receives unqualified praise from all who have seen it. It is claimed to be "the most graceful and valuable weeping-tree in existence." Price, \$3 each; \$5 per pair.



ONE YEAR'S GROWTH.—TEAS' MULBERRY.—TWO YEARS' GROWTH.

Xanthoxeras Sorbifolia. A valuable new ornamental shrub, introduced from Mongolia, which produces a profusion of flowers in racemes, the individual flowers being white, with a pink eye, five-petaled, and about an inch in diameter. It attains to the size of a small tree, has proved to be entirely hardy, and is very beautiful both in foliage and in flower. Without hesitation, it may be ranked as a valuable acquisition. 75 cents each.



LEAF OF MULBERRY.



FRUIT CULTURE

*AND THE LAYING OUT AND MANAGE-
MENT OF A COUNTRY HOME*

By W. C. STRONG

EX-PRESIDENT OF THE MASSACHUSETTS HORTICULTURAL SOCIETY,
AND VICE-PRESIDENT OF THE AMERICAN
POMOLOGICAL SOCIETY

ILLUSTRATED

*"Forward, graffe, set, plant, and nourish up trees in
every corner of your grounds: the labor is small, the
cost is nothing, the commoditie is great, yourselves shall
have plenty, the poor shall have somewhat to relieve
their necessitie, and God shall reward your good mindes
and diligence."*

HOUGHTON, MIFFLIN & CO., PUBLISHERS,
4 PARK ST., BOSTON; 11 EAST SEVENTEENTH ST., NEW YORK

FRUIT CULTURE,

AND THE LAYING OUT AND MANAGEMENT OF A COUNTRY HOME. By W. C. STRONG, Ex-President of the Massachusetts Horticultural Society, and Vice-President of the American Pomological Society. Illustrated. In one volume, 16mo, \$1.00.

CONTENTS.

- I. Rural Homes. — Choice of Locality. — Treatment. — A Good Lawn. — The Approach.
- II. Fruits. — Location of the Fruit Garden. — Success in Fruit Culture. — Profit in Fruit Culture.
- III. How to Procure Trees. — Quality. — How to Plant. — Time to Plant. — Preparing the Land. — Fertilizers. — Cutting Back. — Distances for Planting.
- IV. Care of the Fruit Garden. — Irrigation. — Application of Fertilizers. — Thinning the Fruit. — Labels.
- V. The Apple. — Insects Injurious to the Apple.
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- VII. The Peach. — Injurious Insects and Diseases of the Peach. — Nectarines.
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- IX. The Cherry. — Insects Injurious to the Cherry.
- X. The Quince. — Insects Injurious to the Quince.
- XI. The Grape. — Grape Houses. — Varieties. — Insects Injurious to the Grape. — Mildew.
- XII. The Currant. — Insects Attacking the Currant. — The Gooseberry.
- XIII. The Raspberry. — The Blackberry.
- XIV. The Strawberry.
- XV. The Mulberry. — The Fig. — Rhubarb. — Asparagus.
- XVI. Propagating Fruit Trees. — From the Seed. — By Division. — By Cuttings. — By Layers. — By Budding. — By Grafting.

NOTICES OF THE PRESS.

In his treatise on "Fruit Culture," Mr. Strong gives evidence of that thorough grasp of the subject which he has gained from thirty years' experience as an orchardist. His book is a simple, clear, well condensed manual of practical information on the fundamental principles involved in the successful cultivation of each species of fruits. The happy suggestions on the laying out and management of a country home, the special attention given to the habits of the insects injurious to fruits, and the numerous woodcuts illustrating the salient features of the text are, in themselves, more than sufficient to recommend this little guide to all interested in horticulture or in fruit-tree culture. — *Boston Advertiser*.

Numerous works have appeared from time to time on fruit culture and kindred topics. One would think there was no room for more. But in no branch of intelligence has there been so much advance as in horticulture. Every year solves new problems insoluble before, and with new ideas new books follow. It is in just this line — in the endeavor to elucidate fundamental principles — that Mr. Strong believes he finds an unoccupied field, and this book is the result. In the peculiar field it is destined to fill it will be found very useful. — *Gardeners' Monthly and Horticulturist* (Philadelphia).

A most inspiring little book, and one that fairly makes the mouth water, the subjects treated are so suggestive of flavor and fineness. Country readers, or even those owning small plots in town, will be possessed, after reading Mr. Strong's chapters, with a desire to turn horticulturist or orchardist as soon as possible. Small fruits are not neglected amid the details of planting and training peaches, cherries, plums, grapes, and quinces, apples, pears, etc., in chapters that glow with color. Practical rules and shrewd observations are condensed within the pages which treat of soils, injurious insects, and "blights," and the general discouragements as well as the rewards of "Fruit Culture." — *Philadelphia Ledger*.

This book is full of valuable suggestions on the culture of fruit ; and a careful perusal might save the amateur gardener many mistakes, which in point of time, emphatically, cannot be afforded if he wishes to sit beneath his own vine, and eat the fruit of his own labor. A well-chosen list of pears is given, which will, without waste, supply a continual rich dessert for six months of the year. . . . We cordially recommend the book to those who are interested in horticulture. — *Portland Press*.

An excellent manual for the beginner in the cultivation of the larger and the smaller fruits. It is conservative in its notices of novelties, and necessarily brief in its details, but covers the whole ground in an elementary way. . . . It is reliable advice, based upon thirty years' experience. — *Christian Register* (Boston).

The opening chapter, on "Rural Homes," gives really practical and wise advice about locality and the treatment of the spot selected, with clear directions for constructing a good lawn. . . . The remaining fifteen chapters are all devoted strictly to the culture of fruit. . . . Though Mr. Strong writes from the standpoint of a Northern man, there is very little in his book that will not be found applicable to fruit culture in the South as well as the North. — *Charleston News and Courier*.

A valuable little handbook. . . . The author has shown excellent judgment in giving the particular information which small-fruit raisers most desire to know. Descriptions are given of the best kinds of garden fruits, with advice as to soil, transplanting, culture, and general treatment, with suggestions as to the treatment of fruit diseases, and the destruction of insects. — *Boston Transcript*.

It has the weight of authority. It is a compact work, sensible and perfectly intelligible; scientific, yet not too technical; and adapted well to meet the practical wants of the public. There are helpful illustrations, and we have no hesitation in commending the book. — *The Congregationalist* (Boston).

People who own small patches with what the Anglomaniac calls boxes upon them, and who indulge in expensive experiments in the direction of home production, need just such a book as this to keep them from wasting their substance in riotous sampling of nature. — *The Art Age* (New York).

A compact little volume, into which Mr. Strong has compressed the knowledge gained by thirty years of experience. . . . The book is clear, condensed, and convenient in arrangement, and is particularly well adapted to the needs of amateur fruit-raisers. — *Boston Journal*.

Those of our readers interested in fruit culture will find much profit in this book. The directions are specific enough to be understood by beginners and wise enough to be of profit to experienced fruit-growers. — *Home and Farm* (Louisville).

The work will be found a valuable one. — *Boston Traveller*.

*** For sale, or sent by mail, post-paid, on receipt of price (\$1.00) by*

BOSTON :
HOUGHTON, MIFFLIN AND COMPANY.
The Riverside Press, Cambridge.

Styrax Japonica. Another small tree, producing snowy white, bell-shaped flowers, hanging in great profusion on long pedicles along the branches. The leaves are glossy green, and the tree is perfectly hardy. \$1.

Malus Halleana. This Japanese crabapple is quite distinct, producing narrow leaves and pink flowers, pendulous upon long stems, quite striking when in bud. This is believed to be identical with "Pyrus Malus Parkmani." 50 cents.

Malus floribunda. Another profuse flowering crab. 50 cents.

Exocordia grandiflora. A choice, hardy, profuse flowering shrub of light, graceful growth, with white flowers in long spikes, somewhat like the mock orange, but much more graceful. Not new, but deserving a wider introduction. 50 cents.

Weigelia Lowii. Mr. Meehan exactly describes this variety as "having dark-crimson flowers, with white stamens projecting, reminding somewhat of fuchsia flowers." But he seems to me to be in error in naming it *W. floribunda*, an old variety, from which this is entirely distinct. His praise of this is well merited. 2 to 3 feet, 37 cents; \$3 per dozen.

Berberis Thunbergii. This low-growing shrub, though not new, is yet so pretty in its arching habit, and its foliage changes to such brilliant colors in fall, that it deserves a place on every lawn. Its scarlet berries are also very brilliant, and since they do not shrivel with frost, and remain untouched by birds until new leaves appear in the spring, it is very ornamental throughout the winter. As it becomes known it will be largely in demand. Large plants, 50 cents; small, 25 cents.

Schweidler Maple. Though of recent introduction, its brilliance of color in its early summer growth, changing to rich dark green as the season advances, has already raised it to the first rank as a lawn or street tree. For this purpose it is the best of all the maples. My stock of this exceedingly beautiful tree is believed to be the largest and best in the country. Price, 4 feet, 50 cents; 6 feet, 75 cents; 8 feet, \$1; 10 feet, \$1.50; 15 feet, \$3.

Reitenbach Maple. Another distinct and valuable variety of the Norway type, with rich, dark, metallic leaves. 75 cents to \$1.50.

Japan Maple (*Atrosanguineum purpureum*). This is the richest crimson, and the most brilliant, vigorous, and the best of the Japan polymorphous type. It is quite hardy, and exceedingly beautiful as a tree of small size, well worthy of special care and cultivation. Size, 18 inches, at \$1.

Maples. All the old standard kinds, such as Sugar, Norway, Silver, Weeping, etc., extra fine trees, of all sizes, and in large or small orders.

Colorado Spruce (*Abies pungens*). A perfectly hardy Rocky Mountain spruce of various and most attractive shades of color, from clear silvery white, to dark steel-blue. Of this noble variety, now so much in demand, I have a superior stock in highest colors. Superb specimens at \$1 to \$5 each. These are much finer than the ill-shaped, grafted specimens.

Sciadopitys verticellata. The umbrella pine of Japan. A very distinct and symmetrical tree, which would be of great value if more hardy. In favored localities, and with some protection, it has endured the winters in the vicinity of Boston. For general culture in this latitude I cannot recommend it. \$3 to \$5 each.

Evergreen Trees in variety, such as Nordman and Douglas Fir, Spruces, Retinosporas, Pines, and Arbor Vitæ, in large or small quantities. See page 21.

Rhododendrons. A fine collection of the most hardy named varieties. Various sizes of this magnificent shrub can be furnished at prices ranging from 75 cents up to \$3 each.

Following are some of the best and most hardy varieties: —

Alarm, white with crimson edge.

Aurora.

Album elegans, blush, changing to white.

Barclayanum, deep rosy crimson.

Blandyanum, rosy crimson.

Charles Bagley, cherry-red.

Charles Dickens, dark scarlet.

Concessum, clear pink.

Duchess of Sutherland, rosy lilac.

Everestianum, rosy lilac.

John Watner, dark crimson.
 Lady Elanor Cathcart, pale rose.
 Lady Francis Crossley, rosy pink.
 Lady Strangeford,
 Lord Palmerston, rosy crimson.
 Mrs. Frederick Hankey, rich salmon.
 Mrs. John Clutton, white.
 Mrs. John Waterer, bright rose.
 Mrs. R. S. Holford, rich salmon.
 Mrs. William Bovill, fine rosy scarlet.
 Old Port, distinct rich plum.
 Perfection, blush, yellow eye.
 Princess Mary of Cambridge, light blush.
 Rosabel, pale rose, fine habit.
 Sir Charles Napier, light rose.
 Sir Thomas Sebright, rich purple.
 Sultana, white.
 The Queen, blush, changing to white.

Other broad-leaved evergreens, like *Kalmia latifolia*, *Andromeda floribunda*, and the *Mollis* and *Ghent Azaleas*, a superior stock, at 50 cents to \$1 each.

JAPAN IRIS.

I am happy to announce that I obtained direct from Japan an extra choice collection of this superb plant, the named varieties of which have been a marvel at the exhibitions. They as far exceed the usual kinds as the ordinary *Kämpfer* exceeds the German. They are perfectly hardy and of easy culture, delighting in a moist soil. Not even the choicest orchids can surpass the wonderful beauty in structure, coloring, and size of this regal flower. Price, 50 cents; \$4 per dozen. The following are the cream of the collection.

Alexandra. Pure white, with light-blue zone in centre of falls, very large, single.

Comet. Lilac, shaded, veined and speckled with white, double.

Commodore Perry. Deep purple, tinged with blue, double.

Daimio. Dark blue, with prominent white veins, double.

Harlequin. White ground, flaked and streaked reddish purple, single.

- Ichibeu. Reddish purple, with white veins, very double.
 John Simpkins. Pure white, large, crisped flowers, double.
 Jupiter. Rich bluish purple, single.
 Kathleen. Pure white, double.
 Mrs. Buchanan. Fine indigo blue, double.
 Osaka. White ground, distinctly veined violet, double.
 Purple Emperor. Deep purple, shaded blue, double.
 Robert Buist. White ground, veined and speckled blue, single.
 Satsuma. White ground, very broad, deep purple border, pure white centre, single.
 Unique. White ground, heavily shaded, spotted and veined lavender, single.
 White Empress. White, with throat slightly tinged and spotted violet, double.
 Yeddo. White ground, shaded, dusted and veined lilac, double.
 Yokohama. Light blue, tinged lilac, and streaked bluish white, double.
- No. 10. Not named. Creamy white, petals crisped, very double, 6 to 9 petals.
 No. 4. Not named. Reddish purple, shaded blue, and sometimes spotted with white.
 No. 30. Not named. Clear light blue, double.
 No. 22. Not named. White ground, heavily veined blue and tinged lilac, single.

Tree Pæonias. For ease of culture, variety and brilliancy of color, and bold effect, this hardy shrub stands in the front rank. The old Moutan is comparatively well known. Great advances have been made in size, shape, and delicacy of color. The best named Japanese and French varieties at \$1 to \$2 each.

Murphy Apple. The fruit of this variety is of superlative beauty, of good size, "better than the Baldwin," ripens in December and January, but can be kept till April. The tree bears regularly every year, and an experienced and most careful judge says of it that he "does not know an out about it," and he regards it as exceedingly valuable. I shall reserve fuller descriptions and certificates until next season, but now offer a limited number of one-year grafts at 50 cents each.

Crandall Currant. Supposed to be a hybrid between a black and the Missouri type, as large as a cherry and superior to any black in flavor. Very productive, and said to be excellent as a sauce. 50 cents.

Industry Gooseberry. An English variety of great vigor, entirely free from mildew when in proper position, and regarded as a most valuable sort. \$1.50 per dozen.

Triomphe Gooseberry. New and very promising. 50 cents each.

Fay's Currant. The experience of most cultivators in this section is decided that this variety has no merit over the cherry currant. I have heretofore been guarded in its praise, and now can only say that it much resembles the cherry. \$1.50 per dozen.

New European Currants. For trial. La Turnoise, North German Yellow, Chenonceau, and Imperial Red, at 25 cents each.

HARDY PERPETUAL ROSES.

The following are select varieties in the different colors, the most striking being indicated by a star. But there is not a poor rose in the list, and in order to obtain the various shades and forms it is well to take several from each color.

The plants are all dormant, mostly two years' growth, of very fine quality, both budded and on their own roots, and are in the best possible condition for planting. There is so much loss and delay from the planting of small stock that I shall hereafter confine my trade to well-established dormant plants. Price, 37 cents; \$3 per dozen. * Special low price per hundred.

White.

Baron de Maynard.	Madame Alfred de Rougemont.
Mabel Morrison.	Mademoiselle Bonnaire.
* Marvel of Lyons.	White Baroness.

Palest Flesh.

* Baroness Rothschild.	Elise Boelle.
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Satin Rose.

Abel Grand.	* Madame Gabriel Luizet.
* Countess de Chabrilant.	* Mlle. Eugene Verdier.

Pink.

- | | |
|-----------------------------|-----------------------|
| Anna Alexiff. | * Countess of Oxford. |
| Edouard Morren. | * Paul Neron. |
| * Climbing Jules Margottin. | |

Deep Pink.

- | | |
|------------------------|------------------------|
| * A. K. Williams. | Madame Eugene Verdier. |
| * Baron Prevost. | Mons. E. Y. Teas. |
| Dr. Andry. | Magna Charta. |
| Dupuy Jamain. | * Victor Verdier. |
| Countess of Roseberry. | * Ulrich Brunner. |
| * John Hopper. | Pæonia. |
| Francois Michelin. | |

Scarlet.

- | | |
|------------------|--------------------|
| Jules Margottin. | * Senateur Vaisse. |
|------------------|--------------------|

Crimson.

- | | |
|---------------------|------------------------|
| * Alfred Colomb. | * Madame V. Verdier. |
| Baron Hausman. | Star of Waltham. |
| Beauty of Waltham. | * Anna de Diesbach. |
| General Washington. | Annie Wood. |
| * Duke of Teck. | * Etienne Levet. |
| Duke of Edinburgh. | * General Jacqueminot. |
| * Marie Bauman. | Glory of Waltham. |
| Maurice Bernardine. | * Fisher Holmes. |
| Maréchal Vaillant. | |

Dark Crimson.

- | | |
|----------------------|----------------------|
| * Jean Cherpin. | * Mrs. Harry Turner. |
| * Louise Van Houtte. | Mons. Boncenne. |

Velvety Crimson.

- | | |
|---------------------|-------------------|
| Abel Carriere. | Prince Camille. |
| Baron Bonstettin. | * Pierre Notting. |
| * Charles Lefebvre. | Xavier Olibo. |
| * Jean Liabaud. | |

Moss Roses.

50 cents each; \$4 per dozen.

Alice Leroy.	Lanei.
Baronne de Wassenair.	Little Gem.
Common Moss.	Marie de Blois.
Crested.	Princess Alice.

SUMMER ROSES.

The following June varieties are among the best of this season.
Price, 37 cents; \$3 per dozen.

Fulgens. Bright scarlet-crimson, exquisite color and very showy.

Madame Hardy. Pure white, large, fine substance, very full.

Madame Zoutman. Palest flesh, shape perfect. The most beautiful of all light summer roses.

Madame Plantier. A June rose, of the hybrid China class; pure white, very free, and a good pillar rose.

Baltimore Belle and Queen of the Prairies are the best hardy running roses.

GENERAL CATALOGUE.

APPLES.

The leading kinds are as follows: — for summer: Astrachan, Early Harvest, Sweet Bough, and Williams; for fall: Gravenstein, Fameuse, and Porter; for winter: Baldwin, Danver's Sweet, Golden Russet, Hubbardston, King, Lady, Northern Spy, Rhode Island Greening, Roxbury Russet, Spitzenberg, and Tolman's Sweet; for crabs: Hyslop and Transcendent. Fine thrifty trees 6 to 8 ft., 37½ cents each; \$3 per dozen; orchard size, \$12 per hundred.

PEARS.

Following are the leading kinds: — for summer: Clapp, Giffard, and Rostiezer; for fall: Bartlett, Belle Lucrative, Bosc, Comice, Duchesse, Dana's Hovey, Howell, Louise Bonne, Seckle, and Sheldon; for winter: Anjou, Josephine des Malines, Lawrence, and Nelis. Fine standards, three years from bud, 75 cents each; \$6 per dozen. Selected, \$1 each. Bearing trees, \$1.50 to \$3 each. Dwarfs of Anjou, Duchesse, and Louise Bonne, 50 cents; extra size, at 75 cents and \$1; smaller sizes, \$15 to \$30 per hundred.

PEACHES.

Amsden's Early, Early York, Cooledge, Early and Late Crawford, Mountain Rose, Old Mixon, Stump the World, Waterloo, etc., 25 cents each; \$2 per dozen.

CHERRIES.

Eagle, Tartarean, Governor Wood, Coe's Transparent, etc., 50 cents each; \$4 per dozen.

PLUMS.

Green Gage, Bradshaw, Reine Claude, Golden Drop, Jefferson, Lombard, and Washington, 50 cents; \$4 per dozen.

The **Marianna** is a new variety of plum, said to be remarkable for earliness, vigor, productiveness, and beauty, and also to escape the attacks of the curculio. It is of medium size, fair quality, bright cardinal red, very attractive, and, on account of its hardy character, seems well worthy of trial. Price, 75 cents each; \$6 per dozen.

QUINCES.

Orange, Portugal, and Champion, 50 cents each; \$3 to \$4 per dozen, according to size.

Meech's Prolific is a new variety, regarded as superior to all others. It is of unusual vigor, unsurpassed in quality, and far more productive than any other variety. Judging from present appearances this is a marked acquisition, which will introduce a new era in the culture of the quince. Price for two-year grafts, 50 cents; three years, 75 cents.

GRAPES.

My vines are of *very fine quality*, two and three years old, at 37 cents; \$3 per dozen, except as noted. Extra bearing canes of many kinds, at reasonable prices.

Niagara. The past season has fully sustained the high expectations for this new white variety. In hardiness, vigor, productiveness, good quality, and attractive appearance, it is unsurpassed. I can now offer it at the low price of 50 cents each. Also at special rates by the hundred.

Empire State. A new white seedling claiming to be as hardy, vigorous, and productive as the Niagara. It appears to me to be worthy of trial. 75 cents each.

Eaton. A seedling from Concord, N. H., purchased by the late John B. Moore, and now first offered. It appears to be a hardy, vigorous variety, producing clusters equal to the finest Black Hamburg in beauty, berries of largest size, brisk, very juicy, and most attractive. \$1.50 each.

Hayes. Another new white grape, introduced by Mr. Moore, of superior quality. Worthy of trial. 75 cents.

Delaware. This well-known little grape is unsurpassed in quality and general excellence. With age it is more vigorous and productive and less liable to mildew. 37 cents each; \$3 per dozen.

- Lady.** A healthy, hardy, productive, sweet, and good white grape.
- Jefferson.** A large, oval, light-red, juicy, and vinous berry; ranked as "best" by Charles Downing; liable to mildew. 50 to 75 cents.
- Prentiss.** Of first-rate quality, vigorous and productive; color, white; liable to mildew. 50 cents.
- Pocklington.** Another fine white, but late; mildews. 50 cents.
- Early Victor.** New, and one of the earliest; black, perfectly hardy, and free from mildew; bunches and berries medium in size; brisk, juicy, rich, and excellent, and pronounced "the grape for the million." 50 cents; extra size, 75 cents.
- Brighton.** A red grape of good size, and excellent in quality, reminding of foreign varieties. It is largely planted and is deservedly popular. 50 cents each; \$3 per dozen.
- Duchess.** A new white grape, of fine quality; mildews. 50 cents.
- Moore's Early.** Resembles the Concord, except that it is two weeks earlier, and its berries are larger.
- Worden.** Ten days earlier than Concord, and better. Valuable.
- Vergennes.** A hardy, vigorous Vermont variety, of excellent quality; a fine pink and purple color. 75 cents and \$1 each.
- Agawam, Concord, Creveling, Hartford, Diana, Isabella, Lindley, Salem, Wilder, etc.**
- Foreign Grapes.** Best kinds, 75 cents each.

CURRENTS.

- Fay's Prolific.** See novelties, page 9.
- La Versailles** and **Cherry** are the largest, and much resemble each other. Many of our best judges pronounce them identical. 75 cents per dozen; \$4 per hundred; \$30 per thousand.
- Victoria** is a very valuable late variety, long bunch of good size and quality. 75 cents per dozen; \$4 per hundred.
- Red and White Dutch.** 50 cents per dozen; \$3 per hundred.
- Black Naples.** The best black, 75 cents per dozen.

RASPBERRIES.

This valuable fruit should receive more attention, both for family use and for the market. Under proper treatment, it is very remunerative, and with less trouble than with other fruits. As this fruit does not bear long transportation, every market should have its local supply. Price, unless noted, 75 cents per dozen; \$3 per hundred.

Marlboro. A new, remarkably vigorous and productive red variety.

Shaffer's Colossal. A cross between the red and black, introducing a new type; remarkably vigorous; of largest size, productive and excellent, color, dull red. \$1.50 per dozen.

Cuthbert. In size, quality, hardiness, productiveness, and adaptation to various soils it is worthy of highest praise.

Herstine. For home use this is not surpassed; the berries are of largest size, bright red, and of best quality.

Golden Queen. A sport from the Cuthbert, having all the excellencies of its parent and the added beauty of its translucent amber color. Being vigorous and of good quality, it will entirely supersede the delicate Brinkle's Orange. 75 cents per dozen; \$3 per hundred.

Gregg. The largest and best of the black caps.

Souhegan. An early and excellent black cap.

BLACKBERRIES.

Owing to the liability to injury in winter, and the tendency to rust in summer, I have dropped most kinds, and name only two which I think deserve general cultivation.

Erie. This is a new seedling which was found on the shores of Lake Erie several years since, and, under various tests, has proved itself superior to all other varieties. It is robust in growth, free from rust, more hardy than Taylor, very productive, fruit of the very largest size and best in quality, ripening early and certainly giving promise to fulfil every requirement. It has the unqualified endorsement of the most eminent cultivators. \$1.50 per dozen.

Snyder. A very hardy, productive, and healthy kind, of good size and quality. 75 cents per dozen; \$3 per hundred.

LUCRETIA DEWBERRY.

This trailing blackberry was found in West Virginia, and is of largest size, often one and one-half inches long, sweet and luscious to the core, and is better in quality than any of the high-bush family. Said to be hardy and productive as Snyder. \$1 per dozen; \$4 per hundred.

IMPROVED DWARF JUNE BERRY.

This bush is about the form and height of the currant, producing enormous crops of berries about the size and quality of the huckleberry. For the table or for cooking or canning it is a desirable and reliable addition to our list. 25 cents; \$2 per dozen.

RUSSIAN APRICOT.

A perfectly hardy type introduced by the Mennonites. 50 cents each.

RUSSIAN MULBERRY.

Another hardy type from the Mennonites, rapid and ornamental in growth, and esteemed at the West. 37 cents.

GOOSEBERRIES.

Smith's Improved. Large, light green, productive, good quality, and not subject to mildew. \$1 per dozen; \$8 per hundred.
Whinham's Industry. See page 9.

STRAWBERRIES.

Price, except as noted, \$1 per hundred; \$7 per thousand.

Belmont. This new seedling has proved worthy of the high praise with which it was introduced. It is of largest size, oblong, crimson, very solid, late, good quality, and sells at highest rate. \$1.50 per hundred.

Jewell. Of largest size, bright red, firm, vigorous and productive upon rich soil. Some planters have been disappointed in it, but others praise it. Worthy of further trial. \$2 per hundred.

Parry. A seedling from Jersey Queen, having a perfect flower, very vigorous, berries uniformly very large, bright glossy scarlet, and of best quality.

Manchester. Specially commended for large size, good flavor, light scarlet color, and wonderful productiveness, even upon light soils; adapted for marketing.

Bidwell. It is of fair quality, and a valuable market fruit.

Sharpless. The largest of all; productive, vigorous, of good quality; irregular in shape, and lacks firmness for the market; but it is a grand variety, and should be in every collection.

Charles Downing. This standard kind cannot be omitted. Of uniform, but not largest, size; quality good, but not best. In vigor, hardiness, and productiveness it still holds its place.

Jersey Queen. A queenly berry, of largest size; very firm and of superior quality; a valuable late variety.

Minor's Prolific. Resembling Charles Downing, and is free from fungus, which is troubling the latter in some sections.

ASPARAGUS.

Conover's Colossal. Two years. \$1 per hundred.

Moore's New Cross. From selected seed. Has uniformly taken the first prizes. 1 year. \$1 per hundred.

RHUBARB.

Myatt's Linnæus. Large, early, tender, and best. 25 cents.

Ornamental Trees of Special Merit.

In variety and excellence this stock is unsurpassed, and the prices will be found to be low considering the quality. Second sizes can generally be furnished at much reduced rates.

Prunus Pissardi. A new and very distinct plum, introduced from Persia, and one of the best novelties of late years. The wood and leaves are dark purple throughout the entire season, the fruit being also purple. Quite hardy, and a great acquisition. 50 cents each.

For description of the new maples, Schweidler, Reitenbach, and the Japan *Atrosanguineum*, see page 5.

Japan Maple (*Colchicum rubrum*). A fine variety for the lawn, having dark polished green leaves, the young growth tipped with red. 5 feet, at 50 cents; 10 feet, \$1.

Variegated Negundo Maple. Conspicuously light foliage as a tree, or, if cut back, it makes a shrub of luxuriantly bright variegation. 75 cents.

Cut-leaved Weeping Maple. Leaf deeply lacinated; graceful and rapid in growth; light and airy; often beautifully tinted and shaded in autumn. 50 cents to \$1.

Scarlet Maple. The most brilliant color in autumn. 50 cents to \$1.

Sugar and Norway Maples. 8 to 10 feet, 50 cents; 10 to 12 feet, 75 cents; 12 to 15 feet, \$1; extras, \$2 to \$3.

Silver Maples. 10 to 12 feet, 50 cents; 14 to 16 feet, \$1; extra sizes, \$2 and \$3.

Weeping Embossed Cypress. A hardy and vigorous Chinese variety, with delicate pendulous foliage. \$1.

Catalpa Speciosa. A Western type of this fine flowering tree, which is decidedly more hardy, and finer in bloom, than the common kind. It is largely planted at the West. 50 cents.

- Black Walnut.** One of the most beautiful of trees, either for lawns or avenues. Its palm-like foliage is unsurpassed. 50 cents to \$1.
- Maidenhair Tree** (*Ginko* or *Salisburia*). Very superior specimens of this distinct and every way desirable tree at \$1 to \$2.
- Magnolia Acuminata.** Extra fine specimens, 8 to 10 feet, \$1.
- Magnolia Soulangeana, Conspicua, Lenni, Macrophylla, Speciosa, and Glauca.** \$1 to \$1.50 each.
- Virgilia Lutea.** Surpassingly beautiful in form and in its large pendulous clusters of flowers. 75 cents.
- Laburnum.** The golden clusters of flowers are in fine contrast with the preceding. 75 cents.
- Lindens.** Of large size. 15 feet at \$1.
- European Larches.** 5 feet, 50 cents.
- Purple Beech.** The well-known, dark blood-leaved beech. Very effective for the lawn. 4 feet at 75 cents; 6 to 8 feet, \$1.
- Cut-leaved Beech.** Distinct and fine. \$1.
- Imperial Cut-leaved Alder.** Strikingly crimped foliage. 50 cents.
- Double Flowering Cherry.** Unsurpassed in floral beauty. 75 cents.
- Double Hawthorns.** The Double White and Paul's Scarlet are best. Fine specimens, 5 to 7 feet, 75 cents.
- Catalpa Bungei.** Grafted as standards, this variety makes regular and dense heads, which are very effective. \$1.
- Poplar Aurea Van Geerti.** The leaves are a fine clear yellow, and a fine contrast with darker foliage. 75 cents each.
- Scarlet Oak.** Fine foliage. 50 cents.
- European Mountain Ash.** 50 cents.
- Elms.** American and English varieties of various sizes. 8 to 10 feet, 50 cents; 10 to 12 feet, 75 cents; 15 feet, \$1; extra sizes, \$2.
- Elm, Picturata Variegata.** Large vigorous foliage, distinctly marked with broad silver stripes, producing a fine effect. \$1.
- New Birch Populifoliis Purpuris.** Large leaves and remarkably vigorous. \$1.
- Purple Birch.** New and very distinct; foliage bronze and purple; a decided acquisition. \$1.

- Weeping Cut-leaved Birch.** One of the most airy and graceful of lawn trees. 6 feet, 75 cents; 8 to 10 feet, \$1.
- Young's Weeping Birch.** Standard, \$1.
- New Weeping Birch Elegans Pendula.** \$1.
- Weeping Ash.** The well-known pendulous variety. \$1.
- Weeping Poplars.** Arching and rapid in growth. \$1.
- Weeping Cherry.** Fine standards of Juliana, Pumila, Chinese, and Myrtle-leaved, and also the new Japan rose-flowering variety. Superb specimens, very desirable. \$1.
- Weeping Camperdown Elm.** \$1.50.
- Weeping Kilmarnock Willow.** Extra heads. 75 cents.
- Laurel-leaved Willow.** Remarkable for its deep-green polished foliage, exceeding any other in this climate, and producing a luxuriant effect. It flourishes in any good soil. 50 cents.
- Silver-leaved Willow (*Salix regalis*).** The silvery sheen of this foliage is in fine contrast with the foregoing. 50 cents.
- Wisconsin Weeping Willow.** This variety has the grace of the Babylonian Willow, and withstands our coldest winters, when the latter is killed to the ground. 50 cents.

CHOICE SHRUBS.

Price, 25 cents, except as noted.

- Althæas.** Choice varieties such as Boule de Feu, Elegantissima Grandiflora superba, Totus albus, and the finely variegated leaved. Valuable for September flowering.
- Azaleas.** Of the hardy Ghent type, and in variety of the most brilliant colors. Fine flowering plants, \$1.
- Azalea Mollis.** A new type, flowering earlier than the Ghent and in brilliance of colors and form of flowers approaching the superb but tender India varieties. A great acquisition. \$1 each.
- Cornus Elegantissima.** A new shrub, with vigorous green leaves distinctly marked with silver, giving a very bright and most attractive effect. The wood is bright red in winter, very conspicuous and desirable. 50 cents.

- Cornus Siberica Variegata.** Similar to the preceding, the foliage being more rugose with similar marking. 37 cents.
- Exocordia Grandiflora.** Its large snowy-white flowers in June are conspicuously beautiful. 50 cents.
- Golden Elder.** The bright yellow of this shrub is the most effective of any in this color. 37 cents.
- Hydrangea Paniculata Grandiflora.** The most valuable flowering shrub of recent introduction. 37 to 75 cents.
- Hydrangea Paniculata.** Distinct from the preceding, more erect, with lighter and more airy trusses. 37 cents.
- Japan Red Bud (*Ceicis Japonica*).** A low shrub producing bright pink flowers before the leaves. 50 cents.
- Kalmia Latifolia.** One of the best native plants. In addition to the beauty of its delicate flowers, its clean, glossy foliage is beyond comparison the best broad-leaved evergreen in our climate. It deserves extensive cultivation. 50 cents to \$1.
- Prunus Triloba.** Profuse double pink flowers. 37 cents.
- Rhus Laciniata.** The foliage of the fern-leaved Sumac is unsurpassed in luxuriant beauty. 37 cents.
- Rosa Rugosa.** A new rose from Japan, having luxuriant dark-green, rugose leaves, which make it very attractive as a shrub. It produces large, single red flowers, in clusters, which are of great beauty when partially opened. 37 cents.
- Viburnum Plicatum.** A very desirable shrub with rich dark-green rugose foliage, and superb trusses of white flowers in midsummer. Unsurpassed for the lawn. 50 to 75 cents.
- Weigelas, Coccinea, Lavallei, Madame Couturier,** and other most distinct varieties.
- Standard Shrubs,** such as Clethea, Deutzias, Forsythias, Lilacs (12 kinds), Mahonias, Rose Acacia, Smoke Spiræas (10 kinds), Syringas, etc., a large stock at low rates in quantity.

EVERGREENS.

The first prize of the Massachusetts Horticultural Society has for several seasons been awarded for this best collection of evergreens. A few of special note are here named.

Retinospora Plumosa Aurea. The bright golden color of this Japan Cypress and its vigor and hardiness render it indispensable. Bushy specimens, 25 cents to \$1 and \$2.

Retinospora Squarrosa. A perfect contrast to the preceding; of light, graceful form, silvery color, producing a most beautiful dewy softness which is very charming. 50 cents, \$1 and \$2.

Retinospora Filifera. Its long, pendulous branches make it the most graceful, distinct, and desirable evergreen-tree. 50 cents and \$1.

Retinospora Plumosa. Quite as hardy as the Arbor Vitæ, and a very desirable evergreen. 25 to 50 cents.

Austrian Pine. One of the most hardy trees for exposed positions, and admirable as a lawn tree. 3 feet, 50 cents.

Scotch Pine. 2 to 2½ feet, 50 cents.

Weeping Spruce. The branches are perfectly pendulous, and the trees strikingly picturesque. \$1 and \$2.

Colorado Spruce (*Abies pungens*). An exceedingly beautiful Rocky Mountain variety, with silvery, glaucous foliage. A most magnificent tree. For price, see page 6.

Menzie's Spruce. Similar to the preceding, from California. \$1 and \$2. Small plants, 50 cents.

Douglas' Spruce (*Pseudotsuga Douglassi*). Another fine variety from the Pacific slope. 1 foot, \$1; 2 feet, \$2.

Nordman's Spruce. Strikingly rich, dark-green foliage, vigorous growth, and of great beauty. 50 cents to \$1.

Norway Spruce of various sizes. 3 feet at 50 cents each.

Blue Spruce. One of the most hardy and most beautiful of evergreens, its fine habit and glaucous color being especially attractive. 2 feet, 37 cents; 3 feet, 50 cents.

Hemlock. Graceful and well-known. 3 feet, 50 cents.

Arbor Vitæ. Several varieties. The American, 2 feet at 15 cents, \$10 per hundred; 3 feet, 25 cents, \$15 per hundred.

Siberian Arbor Vitæ. This is a very hardy, close, short-jointed kind, without pruning. Valuable, 50 cents.

CLIMBING VINES.

Ampelopsis Vietchii. This woodbine, known also as Japan Ivy, is one of the most effective vines for many positions, being self-supporting, and covering the highest buildings. Hardy when it is established. 37 cents; \$3 per dozen.

Clematis Jackmani. A superb climbing vine; flowers very large, star-shape, darkest blue. 50 cents.

Clematis in variety. **Akebia**, **Dutchman's Pipe**, **Euonymus Radicans**, **Wistarias**, **Roxbury Waxwork**, **Woodbines**, **Honeysuckles** in variety, and **Running Roses**. 25 to 50 cents, according to size.

MISCELLANEOUS.

Yucca Filementosa. A broad-leaved evergreen producing a tall spike of bell-shaped flowers, and a fine winter effect. 37 cents.

Tree Pæonia. Strong plants, 50 cents to \$2.

Japan Iris. Choicest named kinds, 50 cents. \$4 per dozen.

Arundo Donax Variegata. A hardy, broad-leaved bamboo, foliage creamy-white and green. 37 cents; \$3 per dozen.

HEDGE PLANTS.

Buckthorn. Very hardy. \$2 per hundred.

English Privet. Very early, a clean, bright green until late frosts. \$2.

California Privet. Large, fine foliage keeping green until Christmas. Extra, \$4 to \$6.

Lilacs make a good hedge. Strong plants, \$6.

Three-thorned Acacia. The foliage is very beautiful, and it makes a strong and fine defence. \$2 to \$4 per hundred.

Evergreens for hedges, such as **ARBOR VITÆ**, **NORWAY SPRUCE**, **PINES**, etc., for which we will quote special rates.

Spiræa Thunbergi. The delicate foliage of this flowering shrub makes it very desirable for a low, graceful hedge. \$6 per hundred.

Young trees of Sugar, Norway, and Silver Maples, Chestnuts, Yellow and White Birch, Ash, etc., 6 to 8 feet, suitable for plantations, at from \$6 to \$12 per hundred. Specimen trees and extra sizes can be supplied of many kinds.

If in want of anything in quantity, write for special rates.

To those who are unacquainted with varieties, and who request my judgment, I will make selections with the same care that I should use for myself.

To my customers who request my Book on Fruit Culture, as a premium with orders amounting to six dollars, *at retail prices*, the book will be sent free.

Address,

W. C. STRONG.

NEWTON HIGHLANDS, MASS.

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